REMARKS

Originally filed Claims 1 and 11 have been amended, claims 2 and 12 have been cancelled and claims 3-10, and 13-20 are unchanged.

The Examiner has rejected claims 1, 8, 11, and 18 under 35 U.S.C. 102(a) as being anticipated by Kondo et al. The Examiner has also rejected claims 1 and 11 under 35 U.S.C. 102(a) as being anticipated by Aramaki et al or Nagasawa. Claims 2 and 12 were rejected under 35 U.S.C. 103(a) as being unpatentable over the references cited above and further in view of Hasegawa et al. Claims 1 and 11 have been amended to incorporate the element of modifying a second jump command in a control data portion of the disc causing playback to continue at the beginning point when reading in a reverse direction. Significantly, none of the cited references or newly submitted references suggest, mention or contemplate a method or an apparatus for editing a recorded series of bits having the limitations as currently recited. Claims 1 and 11 are amended herein to incorporate the element of modifying a second jump command in a control data portion of the disc causing playback to continue at the beginning point when reading in a reverse direction. Although Kondo et al, Aramaki et al, or Nagasawa et al. and other references may show editing by defining a start picture and an end picture, none of the cited references suggest, mention or contemplate the modification of a second jump command in a control data portion when operating in a reverse direction. Furthermore, it would appear to be the improper use of hindsight to assert that modification of a second jump command would be obvious by merely reciting a reference for its backward and forward general capabilities. Certainly, the Hasegawa discusses reverse operation in the context of high speed forward and backwards reproduction of DVDs. This is not analogous to an editing function where beginning and end points of a segment are identified for deletion. There is no discussion of deletion and editing along with first and second jump commands as claimed in the present invention. In particular Hasegawa states on Col 5, line 67 through Col. 6, line4 that "Moreover, in a backward high-speed reproduction, the video decoder 6 decodes a main video compressed data of the GOP containing a picture immediately before the next no-data state and outputs the picture immediately before the no-data state until this GOP appears." There does not appear to be a teaching or suggestion of first and second jump commands in conjunction with deletions. Hasegawa et al, either alone or in combination with the other cited references fails to suggest, mention or contemplate a reverse function used in conjunction with editing functions and in conjunction with a second jump command as recited in the present claims.

The Examiner further rejected claims 3, 6, 7, 13, 16, and 17 under 35 U.S.C. 103(a) as being unpatentable in view of the previously cited references above and further in view of Taira

et al. As mentioned above, the amended claims now recite the modification of a second jump command in a control data portion for causing playback at the beginning point in a reverse direction. As explained with regard to Hasegawa, none of the references cited (including Taira et al), either alone or in combination suggest, mention of contemplate modification of a second jump command for reverse operation for editing as recited in the claims as amended. The Applicant respectfully reiterates this major distinction with respect to the remaining claim rejections as well.

Thus, the Applicant respectfully believes that independent claims 1 and 11 as well as all the remaining dependent claims recite an invention that is novel and nonobvious over the cited references. Accordingly, Applicants respectfully request the withdrawal of the rejections under 35 U.S.C. §§102(a) and 103(a) and allowance of the claims as amended herein. Applicant invites the Examiner to call the undersigned if it is believed that a telephonic interview would clarify any issues raised herein.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) A method for editing a recorded series of bits on a rewritable disc media comprising:

selectively identifying a beginning point and an end point of a segment of said recorded series of bits to be deleted; [and]

modifying a first jump command in a control data portion of said disc, said first jump command for causing playback from said disc to continue at said end point when reading in a forward direction; and

modifying a second jump command in a control data portion of said disc, said second jump command for causing playback from said disc to continue at said beginning point when reading in a reverse direction.

11. (Amended) An apparatus for editing a recorded series of bits on a rewritable disc media comprising:

means for selectively identifying a beginning point and an end point of a segment of said recorded series of bits to be deleted; [and]

means for modifying a first jump command in a control data portion of said disc, said first jump command for causing playback from said disc to continue at said end point when reading in a forward direction; and

means for modifying a second jump command in a control data portion of said disc, said second jump command for causing playback from said disc to continue at said beginning point when reading in a reverse direction.